## (19) World Intellectual Property Organization

International Bureau





(43) International Publication Date 4 August 2005 (04.08.2005)

**PCT** 

## (10) International Publication Number WO 2005/069730 A2

(51) International Patent Classification: Not classified

(21) International Application Number:

PCT/IL2005/000069

(22) International Filing Date: 20 January 2005 (20.01.2005)

(25) Filing Language: English

(26) Publication Language: English

(**30**) **Priority Data:** 159977

21 January 2004 (21.01.2004) IL

- (71) Applicants (for all designated States except US): SPHEREVIEW LTD. [IL/IL]; 65 Yigal Alon Street, 67443 Tel Aviv (IL). O.D.F. OPTRONICS LTD. [IL/IL]; 65 Yigal Alon Street, 67443 Tel Aviv (IL).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): GAL, Ehud [IL/IL]; 3 Galil Street, 71908 Reut (IL). GRAISMAN, Gil [IL/IL]; 33 Galil Street, 71908 Reut (IL). PINTEL, Ofer [IL/IL]; 31 Vered Street, Matan (IL).
- (74) Agents: SANFORD T. COLB & CO. et al.; P.O. Box 2273, 76122 Rehovot (IL).

- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

## **Published:**

 without international search report and to be republished upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: LENS HAVING A CIRCUMFERENTIAL FIELD OF VIEW

(57) Abstract: A lens having an axis of symmetry, including a transparent circumferential surface, circumferentially extending about the axis of symmetry, the transparent surface having optical power in planes which include the axis of symmetry, a first reflective surface, symmetric with respect to the axis of symmetry and being operative to reflect light passing through the transparent surface and a second reflective surface, symmetric with respect to the axis of symmetry and axially spaced from the transparent surface and being operative to reflect light reflected by the first reflective surface. 1

